

VACUUM TUBE CIRCUIT

Abstract of the Disclosure

5 A vacuum tube circuit is capable of amplifying an input
signal with use of a low source voltage. Ordinarily, the
amount of electrons released from a cathode which is heated
by a heater is small since a voltage supplied to the heater
is low. In the vacuum tube circuit disclosed here, a
10 positive voltage is supplied to a grid terminal, which more
effectively attracts the emitted electrons, thereby
increasing the amount of electrons arriving at the plate
terminal passing through the grid. As a result, a grid
current and a plate current flow in the vacuum tube circuit,
15 which achieves an operation for amplifying an input signal
from a signal source.

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